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### SAM LAUNCH SITES NEAR GORKIY, USSR

Gorkiy, one of the largest cities in the USSR, is also one of the country's most important industrial cities and a cultural center. Its location at the confluence of the Volga and Oka Rivers makes it an important river-rail transshipment point. Gorkiy is one of the USSR's

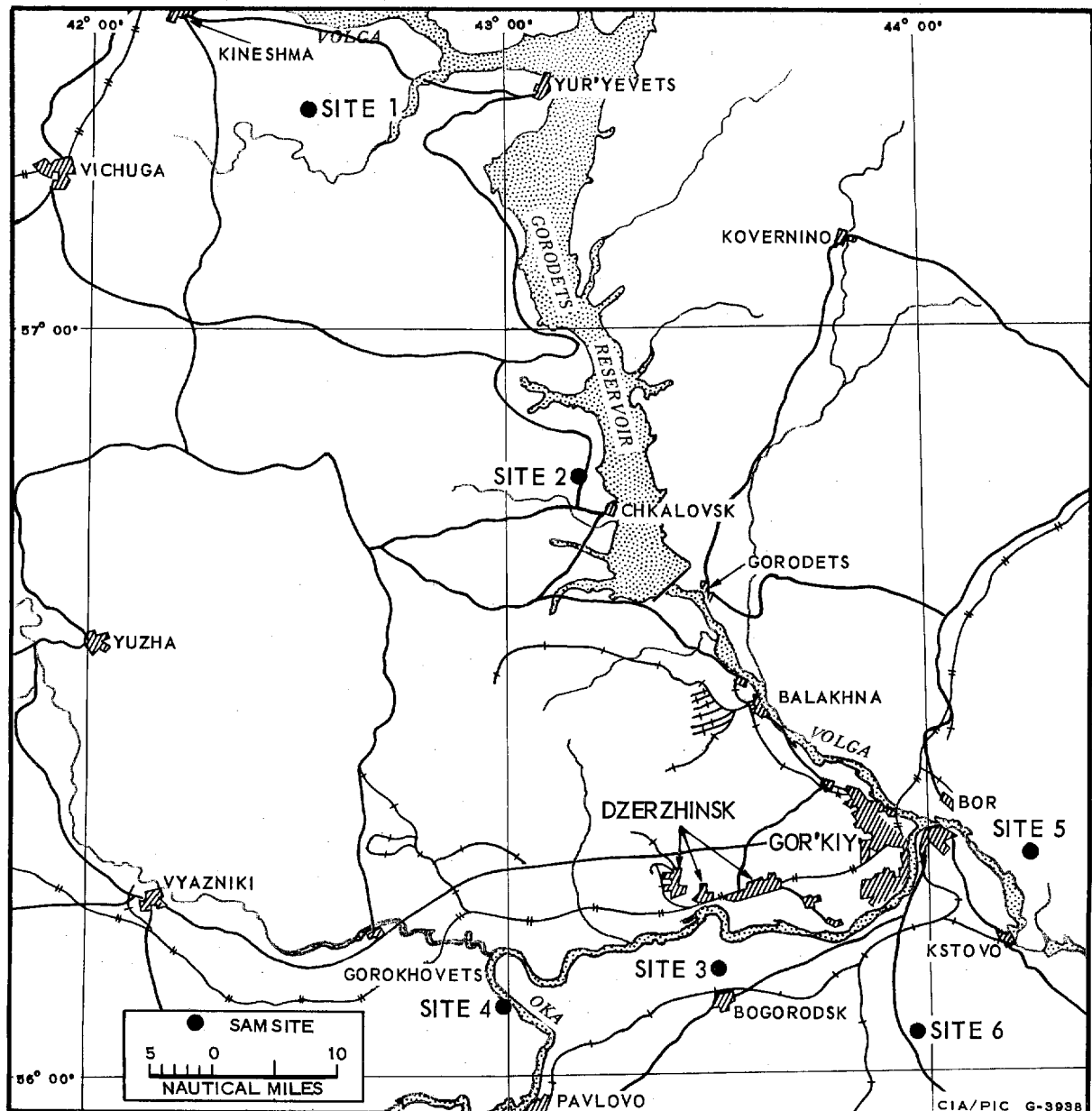


FIGURE 1. . LOCATION OF SAM LAUNCH SITES NEAR GORKIY, USSR

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major producers of military material and is the headquarters of the Gorkiy Military District.

Four SA-2 surface-to-air missile (SAM) launch sites and two possible SAM launch sites are deployed for the defense of the Gorkiy and Dzerzhinsk complexes and the Gorodets Dam (see Figure 1). Two of these sites (item 5 and 6) were previously identified on oblique TALENT photography of [REDACTED] KEYHOLE photography of [REDACTED] reveals the existence of the other sites (items 1-4) and permits further interpretation of site 5. Site 6 is overcast on this later photography. (The scale and obliquity of the TALENT photography mentioned precluded determination of its operational status; see CIA/PIC/JB-60/60.1/) Conditions ranging from haze to heavy clouds prevail on the [REDACTED] photography. There are scattered clouds over the Gorkiy-Dzerzhinsk area, and the area east of the Oka River is completely overcast. No SAM support facility in the Gorkiy area has been identified. The reference point (RP) used in this brief is the Gorkiy Railroad Station, Yards, and Shops, Main, [REDACTED] 56-19-05N 43-56-10E.

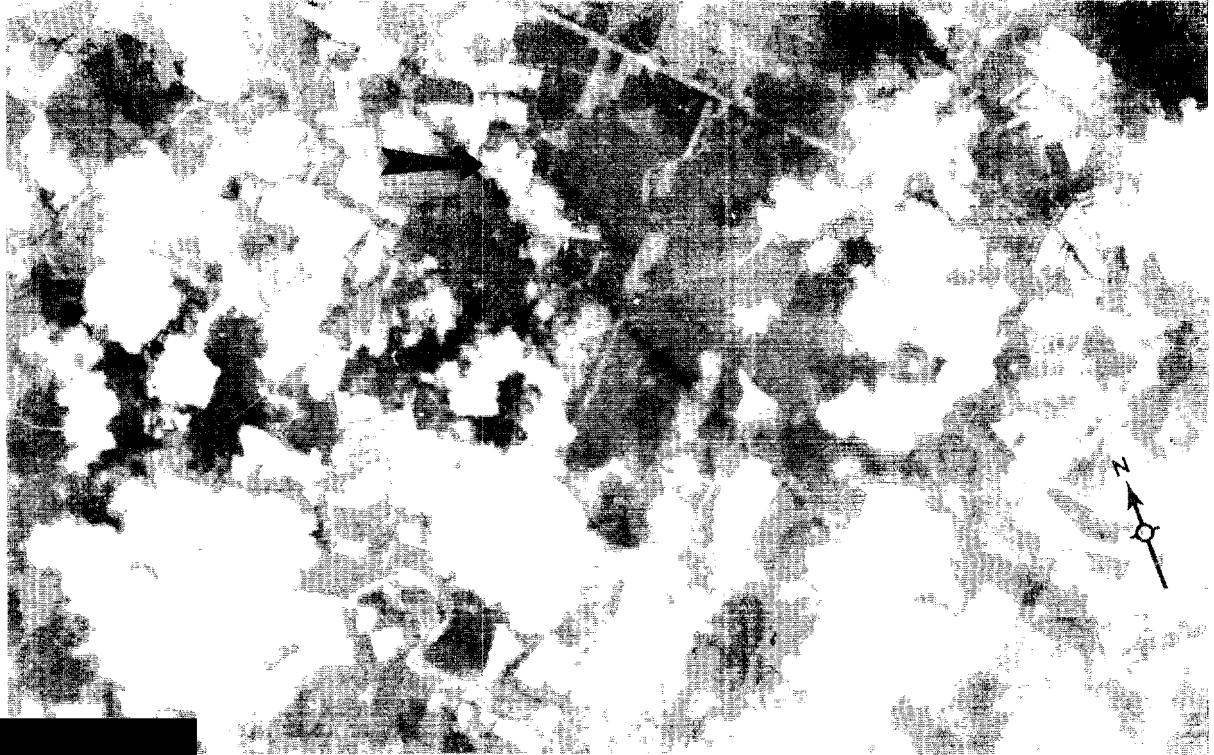


FIGURE 2. POSSIBLE SAM LAUNCH SITE 75 NM NW OF GORKHY (see Fig 1, item 1).

COORD

57-17N 42-32E.

LOCATION

On the edge of a wooded area, 15 nm Southeast of Kinoshma and approximately 75 nm northwest of RP.

REMARKS

Construction appears to be in an early stage. A circular road connects six possible launch revetments and a possible guidance revetment in the operations area. There is no evidence of a support area near the operations area. The site is served by a road from an unidentified village to the northwest. No fencing around the site is discernible.

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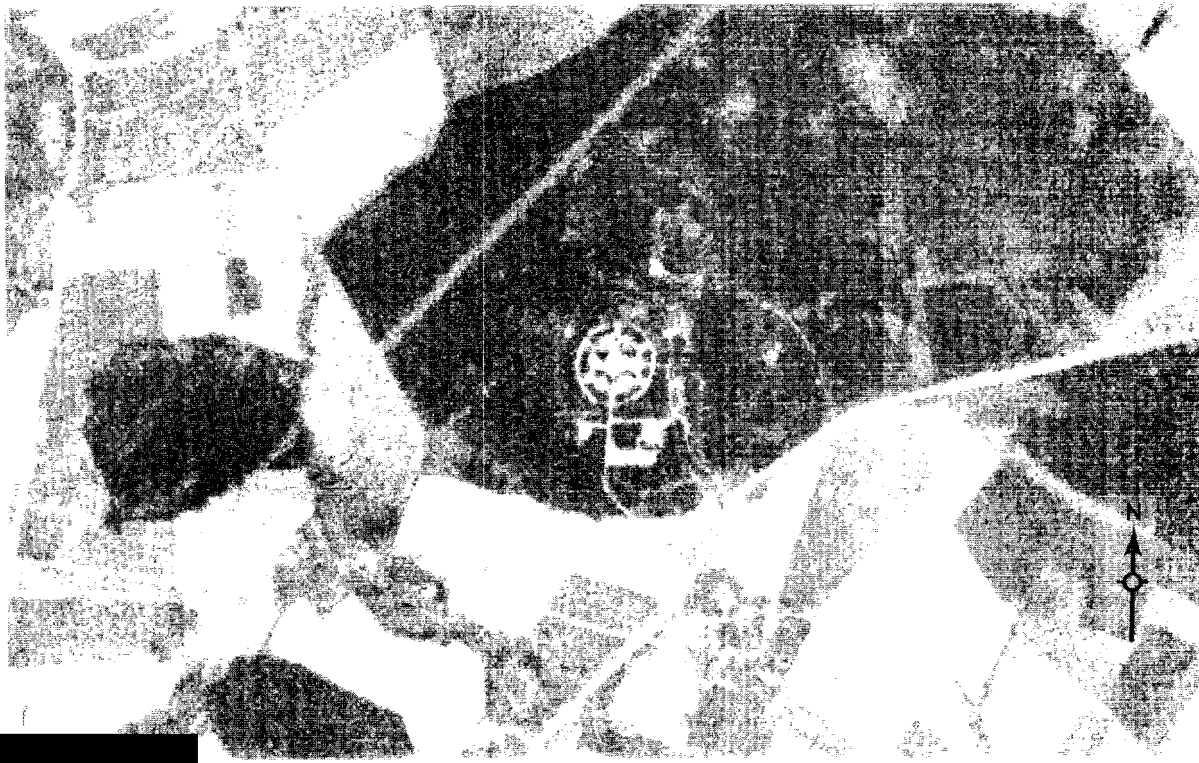


FIGURE 3. SAM LAUNCH SITE 38 NM NW OF GORKIY (see Fig 1, item 2).

COORD

56-48N 43-11E.

LOCATION

In a wooded area, 4 nm northwest of Chkalovsk and 38 nm northwest of RP.

REMARKS

The operations and support areas appear complete and operational. A system of loop-type roads connects the six launch revetments to each other and to three missile-hold revetments. A support area is adjacent to the operations area on the southeast. The site appears to be enclosed by a fence.

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FIGURE 4. SAM LAUNCH SITE 18 NM SW OF GORKIY (see Fig 1, item 3).

COORD

56-08N 43-30E.

LOCATION

In a wooded area, 2 nm north of Bogorodsk and 18 nm southwest of RP.

REMARKS

The site appears complete and operational. The six launch revetments are served by loop roads which are connected to the outer circular road and three missile-hold revetments. A support area is just east of the operations area. No fencing around the site is discernible.

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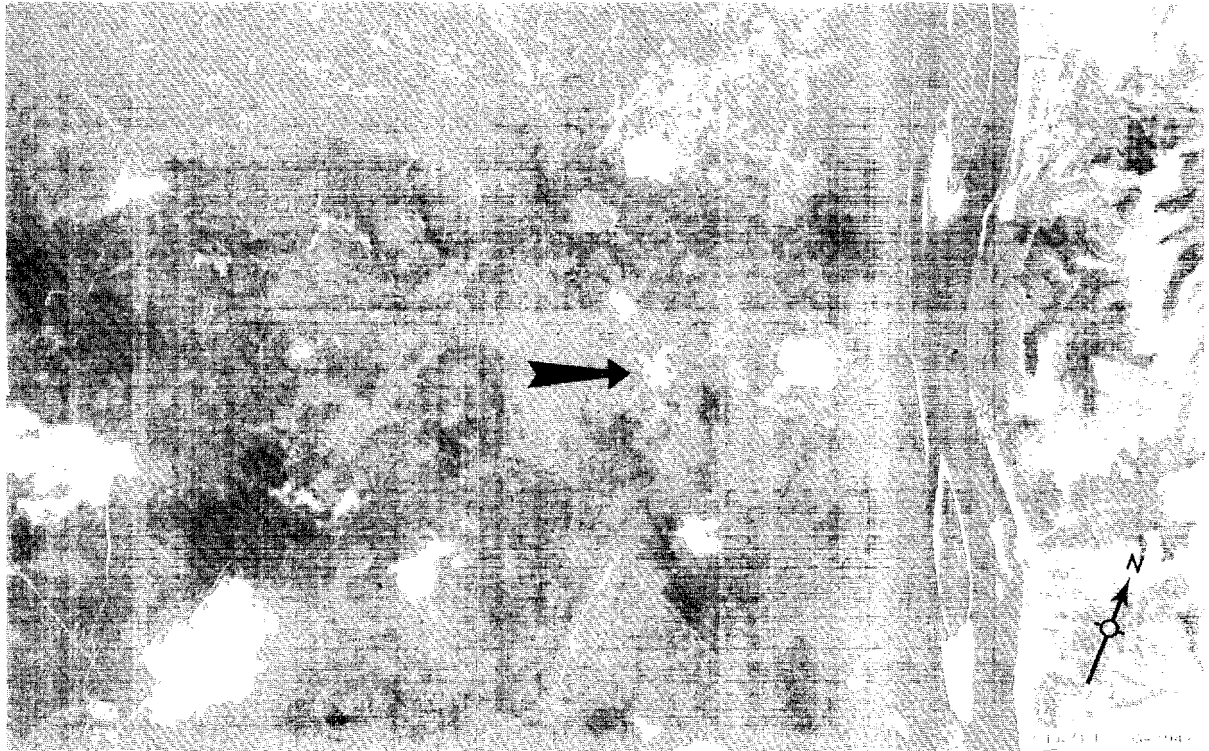


FIGURE 5. POSSIBLE SAM LAUNCH SITE 35 NM SW OF GORKIY (see Fig 1, item 4).

**COORD**

56-05N 42-59E.

**LOCATION**

In flat terrain just west of the Oka River, approximately 35 nm southwest of RP.

**REMARKS**

Construction of this possible SAM site appears to be in mid-stage. Scarred areas have a pattern similar to that of SAM sites observed elsewhere. Service roads radiating from a possible guidance revetment are connected to possible launch revetments. A possible support area is just northwest of the site. No fencing around the site is discernible.

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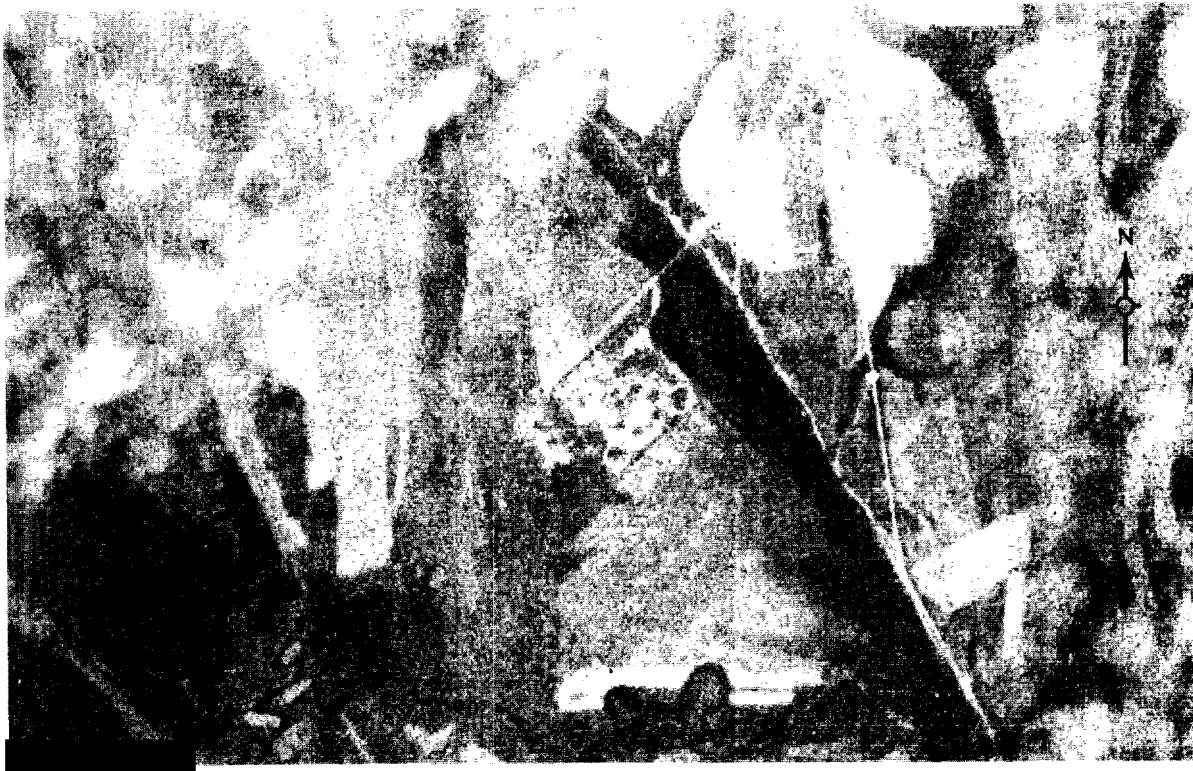


FIGURE 6. SAM LAUNCH SITE 11 NM E OF GORKIY (see Fig 1, item 5).

COORD

56-17N 44-15E.

LOCATION

In an agricultural area, 11 nm east of RP.

REMARKS

The [REDACTED] photography confirms the existence of this site, makes possible a more precise location, and establishes its status as complete and operational. (The scale and extreme obliquity of TALENT photography of [REDACTED] precluded determination of the status; see CIA/PIC/IB-59/60.27) The six launch revetments are served by loop-type roads extending to the outer circular road and the missile-hold revetments. A support area is adjacent to the operations area on the west.

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REFERENCES

25X1D

CHARTS

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DOCUMENTS

1. CIA. PIC/JB-60/60, Surface-to-Air Missile Site 17.5 nm  
South of Gorkiy, USSR, 12 Apr 60 (TSC)
2. CIA. PIC/JB-59/60, Surface-to-Air Missile Site 17 nm East  
of Gorkiy, USSR, 12 Apr 60 (TSC)



JOINT PHOTOGRAPHIC INTELLIGENCE BRIEF

# SAM LAUNCH SITES NEAR GORKIY, USSR



ARMY



NAVY



CIA

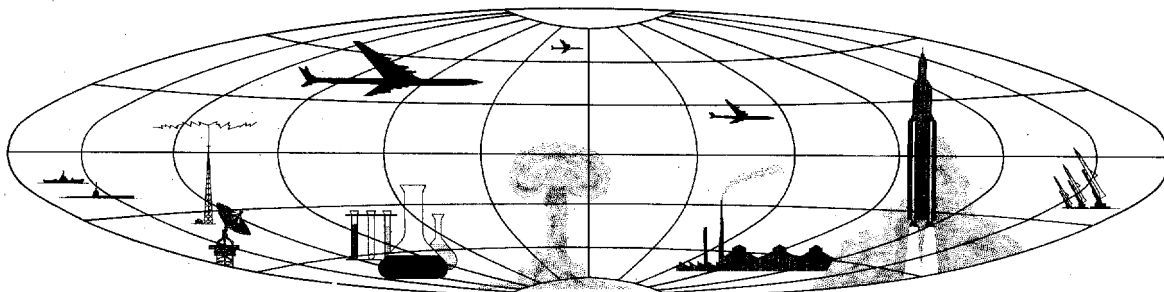
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